

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S86	5	S85 and (diode with (interconnect interconnection line wiring wire)).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/13 11:58
S85	172	S83 and (interconnect interconnection line wiring wire).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/13 11:57
S84	137	S83 and (interconnect interconnection line).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/13 11:57
S83	596	S82 and source with drain.clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/13 11:57
S82	1011	(crystalline with transistor).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/13 11:56
S81	54	(Nigel with Young).inv.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/13 11:56
S80	34	("4866291"   "5059794"   "5182624"   "5262649"   "5381014"   "5420352"   "5498880"   "5591960"   "5604364"   "5619033"   "5698844"   "5812284"   "5841180"   "5912465"   "5914485"   "5981931"   "6034406"   "6034725"   "6044128"   "6075256"   "6121622"   "6144466"   "6147338"   "6160260"   "6163386"   "6185274"   "6245601"   "6300978"   "6353228"   "6476867"   "6512279"   "6674470"   "6784411"   "6784433").PN. OR ("7005647").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/13 11:51
S79	35	("4163240"   "4409605"   "4419578"   "4611224").PN. OR ("4785186").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 16:07
S78	94	("4250385"   "4288264"   "4525628"   "4626688"   "4672454"   "4679212"   "4707608"   "4785186"   "4799094"   "4823369"   "4982095"   "5017990"   "5019711"   "5079426"   "Re32164").PN. OR ("5262649").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 15:53
S77	24	("4490735").PN. OR ("4719498").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 15:42
S76	22	("4571348"   "4842892"   "4959700"   "5262649"   "5348892"   "5360744"   "5473168"   "5480818"   "5516712"   "5599403"   "5767531").PN. OR ("5959312").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 15:40

## EAST Search History

S75	38	("4719498"   "5075244"   "5132539"   "5153438"   "5179284"   "5182625"   "5187369"   "5198694"   "5202575"   "5216491"   "5233181"   "5362660"   "5384271"   "5391507"   "5401668").PN. OR ("5516712").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 15:29
S74	15	("4082568"   "4366336"   "5049954").PN. OR ("5216491").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 15:28
S73	9	("5130829"   "5508555"   "5637187").PN. OR ("5980763").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 15:25
S72	203	("5147826"   "5275851").PN. OR ("5426064").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 14:57
S71	153	("4769686"   "4894699"   "4912061"   "5147826"   "5229625"   "5275851"   "5418389"   "5426064"   "5488000").PN. OR ("5589694").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 14:43
S70	10	("4894699").URPN.	USPAT	OR	OFF	2007/10/12 14:32
S69	6	((("5,589,694") or ("5488000") or ("5426064") or ("5275851") or ("4894699") or ("4769686"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 14:29
S68	12	S67 and (pin intrinsic) with diode	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 14:29
S67	1942	((438/155) or (438/157) or (438/154) or (438/187) or (438/190) or (438/210) or (257/e27.113) or (257/e27.116)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 14:26
S1	413	(438/155).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 14:25

## EAST Search History

S66	55	("20010004121"   "20030100150"   "20040079952"   "5108843"   "5247190"   "5254208"   "5273920"   "5298455"   "5306651"   "5323042"   "5399502"   "5504020"   "5508532"   "5594569"   "5640067"   "5643826"   "5707746"   "5731613"   "5747830"   "5771110"   "5773325"   "5815223"   "5858823"   "5893730"   "5897328"   "5923962"   "5970384"   "6048758"   "6087229"   "6093577"   "6157426"   "6165824"   "6166414"   "6174590"   "6198133"   "6215163"   "6225645"   "6271897"   "6274516"   "6281552"   "6285042"   "6300253"   "6306694"   "6316810"   "6335541"   "6380558"   "6399988"   "6420282"   "6429483"   "6461899"   "6478263"   "6524895"   "6531713"   "6534826"   "6645826"). PN. OR ("7064388").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/05 12:06
S65	7	("4363828"   "4693759"   "4814292"). PN. OR ("5298455").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/05 12:05
S64	16	("4062034"   "4176372"   "4363828"   "4693759"   "4727044"   "4814292"   "4862237"   "4901133"   "4992846"   "5165075"   "5242855"   "5262654"   "5273910"   "5298455"   "5371039"   "5372958").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/05 11:58
S63	6	S55 with S60	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:58
S62	98691	S55 wtih S60	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:57
S61	121	S55 and S60	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:57
S60	8808	pin with (overlying over above aloft atop overhead upon) with (interconnect connect interconnection)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:56
S58	410744	pin with (overlying over above aloft atop overhead upon)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:56
S59	194	S55 with S58	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:55
S57	1374	S55 with S56	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:54

## EAST Search History

S56	1494925	pin	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:53
S55	71678	tft	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:53
S54	1374	tft with pin	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:53
S53	8	S52 and pin with diode	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:46
S49	2	S48 and pin with diode	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:46
S52	407	((438/23) or (438/45)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/05 11:45
S47	1451	((438/155) or (438/200) or (438/198)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/05 11:45
S51	39	("4062034"   "4176372"   "4363828"   "4693759"   "4727044"   "4814292"   "4862237"   "4901133"   "4992846"   "5165075"   "5242855"   "5262654"   "5273910"   "5298455"   "5371039"   "5372958").PN. OR ("5576222").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/05 11:43
S50	7	("4363828"   "4693759"   "4814292").PN. OR ("5298455").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/05 11:42
S48	248	S47 and tft	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/05 11:38
S46	199	maldonado.xa.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 08:28
S45	3	S38 and (source drain) with (before preced\$3) with (photodiode)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 08:28
S38	1671	S37 and photodiode	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 13:23
S44	14	S39 and (etch\$4 with (stop\$4 barrier))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 13:22
S41	7	S40 and (etch\$4 with (stop\$4 barrier))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 13:22

## EAST Search History

S43	23	("5516712").URPN.	USPAT	OR	OFF	2007/06/26 13:20
S42	15	("4082568"   "4366336"   "5049954"). PN. OR ("5216491").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/26 13:18
S40	189	S39 and matrix	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 13:09
S39	234	S37 and photodiode with pin	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 13:09
S37	71231	tft	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 13:08
S36	20935	tft	USPAT	OR	OFF	2007/06/26 13:08
S35	12	S34 and (etch\$4 with (stop\$4 barrier))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 12:49
S34	99	S33 and diode	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 12:49
S33	367	S32 and (source drain)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 12:49
S32	387	S30 and transistor	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 12:48
S31	103	S30 and transistor and diode	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 12:48
S30	413	(438/155).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/26 12:25
S29	159	S27 with S28	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 14:18
S28	71014	tft	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 14:18
S27	18691	pin with diode	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 14:18
S26	27	S13 and pin with diode	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 14:18
S25	66	("4591892").URPN.	USPAT	OR	OFF	2007/06/14 14:01

## EAST Search History

S24	71	("4068020"   "4103297"   "4239346"   "4365013"   "4378417"   "4569903"   "4582395"   "4591892"   "4597160"   "4609930"   "4680580"   "4740829"   "4818077"   "4860069"   "4862237"   "4868014"   "4888305"   "4891330"   "4897360"   "4938565"   "4949141"   "4959700"   "4969025"   "4969031"   "4986213"   "5003356"   "5012228"   "5051570"   "5054887"   "5055899"   "5056895"   "5066110"   "5077223"   "5084905"   "5085973"   "5107308"   "5132754"   "5132821"   "5250818"   "5250931"   "5289300"   "5304895"   "5327001"   "5346850"   "5347144"   "5403756"   "5427961"   "5453350"   "5470619"   "5500537"   "5529951"   "5535027"   "5541748"   "5612799"   "5627404"   "5631753"   "5677041"   "5717223"   "5717224"   "5744818"   "5776083"   "5776803"   "5933205"   "6049364"   "6242758").PN. OR ("6429053").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 13:59
S23	20	("5130829"   "5254208"   "5275851"   "5346850"   "5456763"   "5514466"   "5523587").PN. OR ("5776803").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 13:57
S22	6	S20 and S21	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 13:56
S21	40	S13 and diode with amorphous	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 13:56
S20	27	S13 and pin with diode	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 13:56
S19	0	S17 and S18	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 13:55
S18	413	(438/155).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 13:55
S17	129	(gate with polysilicon) and (diode with amorphous)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 13:55
S16	4	S13 and (gate with polysilicon) and (diode with amorphous)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 13:55
S13	2615	((438/39) or (438/44) or (438/155) or (438/164) or (438/166)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 13:55

## EAST Search History

S15	4	S14 and (gate with polysilicon) and (diode with amorphous)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 13:39
S14	1566	S13 and ((thin adj film adj transistor) tft)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 13:38
S9	43	S8 and (photodiode (photo adj diode) (pin with diode))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 13:38
S12	9	("5130829"   "5508555"   "5637187"). PN. OR ("5980763").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 12:36
S11	49	(Nigel with Young).inv.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 12:29
S10	262065	Nigel "D." Young	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 12:29
S8	1566	S7 and ((thin adj film adj transistor) tft)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 11:38
S7	2615	((438/39) or (438/44) or (438/155) or (438/164) or (438/166)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 11:37
S6	12	("5019002"   "5219771"   "5220443"   "5585949"   "5671026"   "5798534"   "5930607"   "5949502"   "6013923"   "6066506"   "6111424"   "6160270"). PN. OR ("6599787").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/12 14:45
S5	19	S1 and tft with diode	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 14:39
S4	6	S1 and pin with diode	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 14:39
S3	9	S1 and S2	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 14:37
S2	1821	diode with amorphous	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 14:31